CREATE CLC COMMON AREA CONNECTOR

AMENDMENT # 4

QUESTIONS & ANSWERS:

1. Drawing E706 detail 1 shows an existing data rack located in buildings 24 and 210, but not in building 30. Is there an existing data rack in signal room 126 of building 30 or is a new one to be provided? ***BUILDING 30 HAS AN EXISTING RACK. NO NEW RACK IS REQUIRED.***

2. The specifications and also drawing E001 indicate a reference to 12" by 4" deep ladder cable tray. It is unclear where this cable tray is to be installed. Will clarification be provided if any cable tray is to be installed? ***CABLE TRAY IS NOT REQUIRED.***

3. The reference project has a requirement for a wall cap on stub walls at the stairs on the 1st & 2nd floors (ref drawing A321). What is the width and thickness of this material? Is this material to be by HANEX as are the window stools? **SEE ATTACHED LETTER FROM JOHN POE ARCHITECTS DATED JANUARY 29, 2014, WHICH SUPPLEMENTS DETAIL 2 DRAWING A312.**

4. What is the thickness and width of the required window stools? **SEE ATTACHED LETTER FROM JOHN POE ARCHITECTS DATED JANUARY 29, 2014, WHICH SUPPLEMENTS DETAIL 4 DRAWING A312.**

5. In review of the existing cable to be removed and replaced in the new duct bank there is also a 1" conduit with approximately 40 #18 gauge wires that are part of the existing medical gas system will this also need to be removed and replaced although it is not listed on the existing cable schedule on drawing sheet E703?
   See revised drawing E702 attached

6. Reference question 3 in questions and answers dated January 24, 2014.
   a. In the response to question 3. The 3-inch vacuum return line and 2-inch drip return line have already been terminated at each building and already have been abandoned in place? **Correct.**

   b. So therefore they will only need to be demolished within the existing tunnel? **Correct.**

   c. The only item that will need to re-routed to the new duct bank is the existing electrical feeders running through the 4-inch high pressure steam line? **No, duct bank contains power, communications, med gas cabling, spare conduits, etc., and is detailed on drawings. Refer to revised Sheet E702 for up-to-date duct bank detail.**

7. Reference question 8 in questions and answers dated January 24, 2014.
   a. Is it the intention to have the downspout nozzles exit the building at only 4 feet below

the roof drains from the roof or will it be necessary to run additional vertical pipe from the downspout nozzles as part of the emergency overflow equipment to just above finish grade? **Yes, indicating this is an Emergency Overflow Drain indicates it will be installed per more stringent Guidelines in the National Plumbing Code. The drain is to be installed on the high side of the lower roofs and the nozzle height is indicated to be readily visible from the ground indicating a possible problem with roof drainage.**

8. Below are the additional question concerning specification 26 05 21 identified in 14 24 00 - 9

1. This specification for the power supply for the Hydraulic Elevator is identified in the electrical drawings of which we have found them but the referenced specifications are missing from the documents provided. It is the electrical contractor's responsibility to provide and install the shunt trip breaker needed for the power supply. Could you please provide the specification 26 05 21?

   a. **Section 26 05 21 is not referenced in Section 14 24 00 Hydraulic Elevators. The most current reference of Section 26 05 21 in the VA specifications has become Section 26 05 19. This section is not referenced in Section 14 24 00 either.**

   b. **Sheet EP101, Note 14, tells the EC exactly what to provide for the elevator. Shunt trip would be provided with the power module switch. In summary, please have the EC provide it.**

9. Spec section13-05-41 Seismic Restraint discusses the requirements on nonstructural components. With life safety systems being emergency power and lighting, fire protection and sprinkler. will the seismic requirements be enforced on systems that are not related to life safety, i.e. normal house power and lighting, lightning protection, water and sewer piping systems?
   Bidders should refer to 13 05 41, section 1.6 (Regulatory Requirements), for items that may be omitted from seismic bracing requirements.

10. Drawing EP101 notes 18 and 19 indicate intercepting and extending the respective generator feeders and starting circuits. Can these feeders be spliced in the location the new junction boxes are to be installed on each end or will new feeders have to be pulled continuous from the generators to the generator panels? If new feeders are to be utilized what is the length of the existing generator feeders currently in use?
    Per note #18 & #19 on sheet EP101, junction boxes can be used as a splice location.

11. Fixture EW2 on drawings E501 is specified as a 4 foot slim wall mount fluorescent and EW2 on drawing E502 is specified as 2 foot fluorescent vanity fixture. Which EW2 is correct and what should the other fixture be identified as?

See drawing changes below under "Electrical"

12. On drawing E501 there is a fixture Type EW1 with two different specifications one is a vanity fixture and the other is 4 foot vapor tight. One of the specifications need to be identified

differently. Could you please provide new identification for one of the fixtures designation and specification.

See drawing changes below under "Electrical"

13. On drawing EL101 there is a fixture description for Type EF1B. On drawings E501 or E502, there is no identification or specification as to the EF1B fixture type. Could E501 or E502 revised to identify and specify the lighting fixture type?

See drawing changes below under "Electrical"

HVAC

DRAWINGS

ITEM NO. 1 Drawing No. M601

A. Hot Water Cabinet Unit Heater control diagram indicates 3-way control valve, but Cabinet Unit Heater schedule indicates 3-way control valve for CONN-CUH1 and 2-way control valve for CONN-CUH2. Refer to schedule for control valve type required for each unit.

B. Hot Water Radiant Heating Panel control diagram incorrectly indicates 3-way control valve, but Hydronic Radiant Heating Panel schedule indicates 2-way control valve. Refer to schedule for control valve type required for each unit.

ITEM NO. 2 Drawing No. MH101

A. Bidder question stated that "Drawing MH101 shows hot water into each baseboard heater but M601 schedule shows these as being electric radiation". MH101 shows heating hot water piping running past/above electric fin tube. Fin tube does not have heating hot water connections.

SPECIFICATIONS

ITEM NO. 1 Specification Section 23 73 00

A. Delete Section 2.1-B-1-d, stating that phenolic coating is required on unit interior and exterior. Phenolic coating not required.

ELECTRICAL

DRAWINGS

ITEM NO. 1 Drawing No. E501

A. Revise fixture "EW2" to "EW3".

B. Revise vapor tight lighting fixture to type "EW4".

C. On lighting fixture description "EF1", revise "EF28b" to

"EF1b" ITEM NO. 2 Drawing No. EL101

A. Within Mechanical Room 110, revise the two (2) lighting fixtures to type "EW3".

B. Within elevator shaft, revise lighting to fixture type "EW4".

ITEM NO. 3 Drawing EP101

A. Provide above ceiling splice box(es) and new conduit to reroute existing medical gas control cabling. Intercept and extend as directed. Refer to revised 30" x 42"drawing for additional details.

ITEM NO. 4 Drawing E702

A. Revise underground duct detail to include 1"C. for medical gas cabling. Refer to revised 30" x 42"drawing for additional details.